
Product Data Sheet

Product Name: MIEN1 Human
 Cat. No.: GP23926
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	C17orf37; C35; ORB3; RDX12; XTP4; HBV X-transactivated gene 4 protein; HBV XAg-transactivated protein 4; Protein C35; Migration and invasion enhancer 1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSGEPGQ TSVAPPPEEV EPGSGVRIVV EYCEPCGFEA TYLELASAVK EQYPGIEIES RLGGTGAFEI EINGQLVFSK LENGGFPEYK DLIEAIRRAS NGETLEKITN SRPPC.		
Formulation	MIEN1 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

Introduction

Migration And Invasion Enhancer 1 (MIEN1) is a member of the SelWTH family. MIEN1 enhances cell migration by stimulating filopodia formation at the leading edge of migrating cells and takes parts in regulation of apoptosis, probably via control of CASP3. MIEN1 participates in a redox-related process as well.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

MIEN1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 135 amino acids (1-112 a.a.) and having a molecular mass of 14.5kDa. MIEN1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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